

FIG. 1

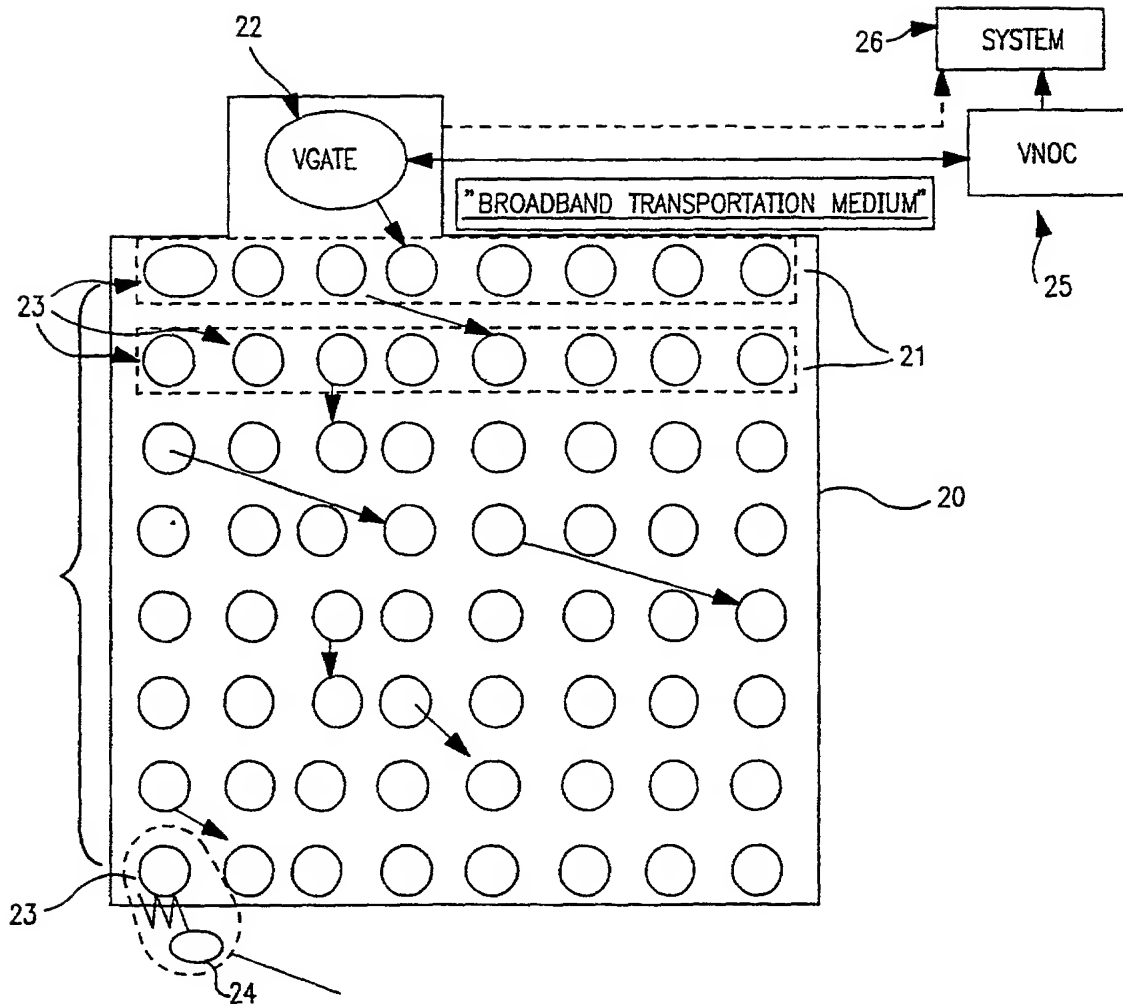


FIG. 2



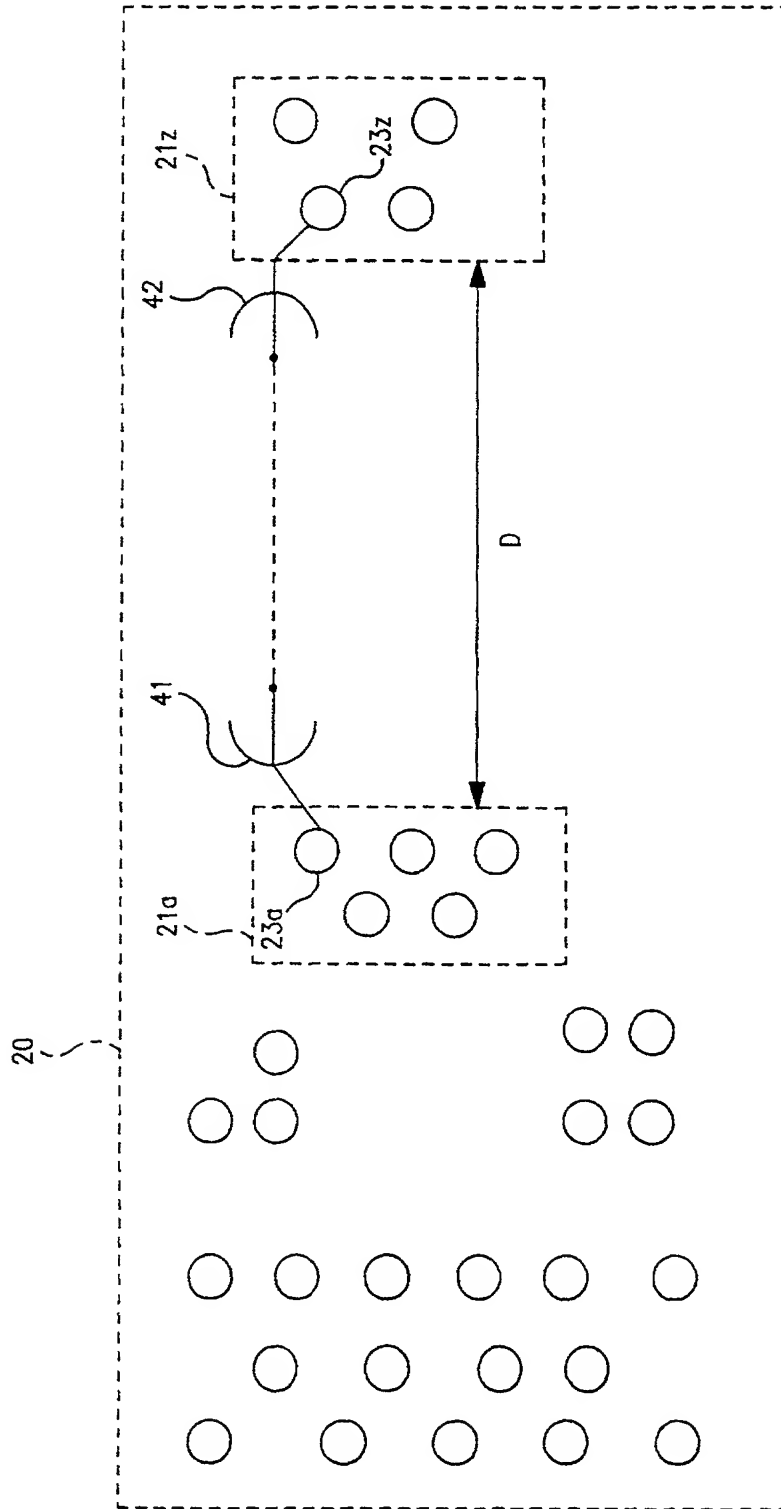
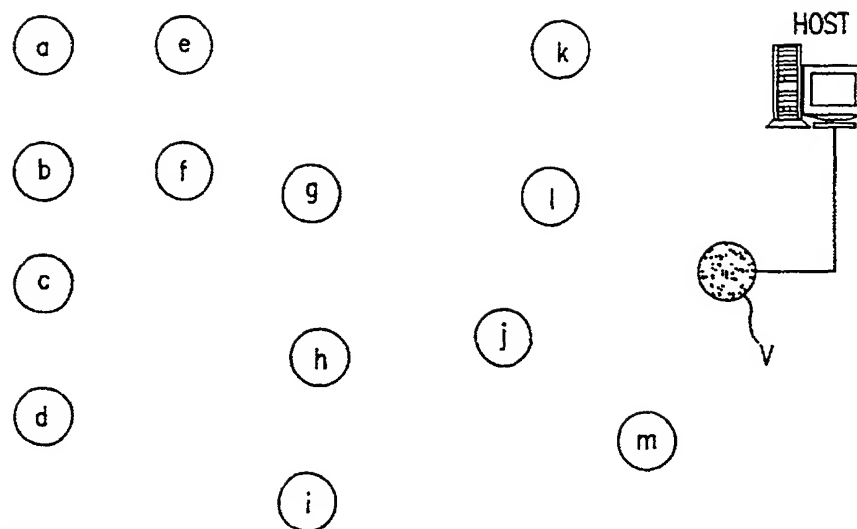


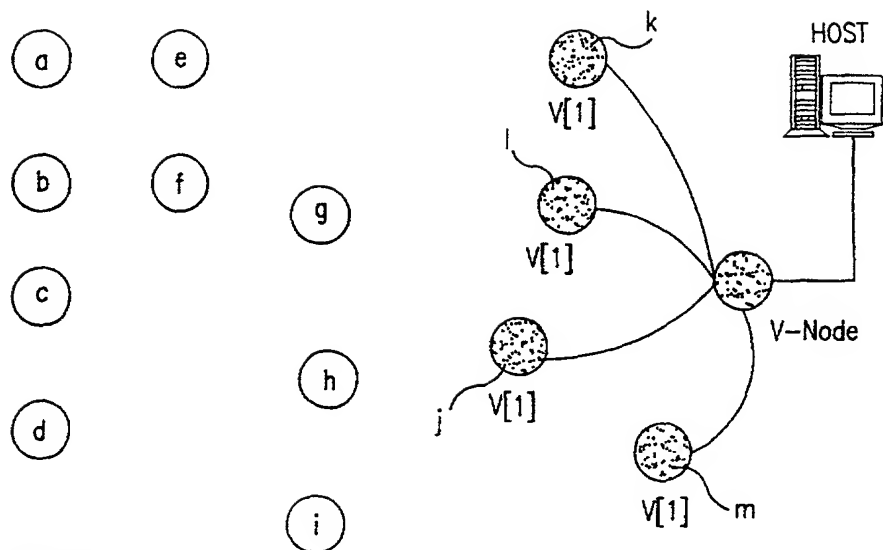
FIG. 4



STEP 1:

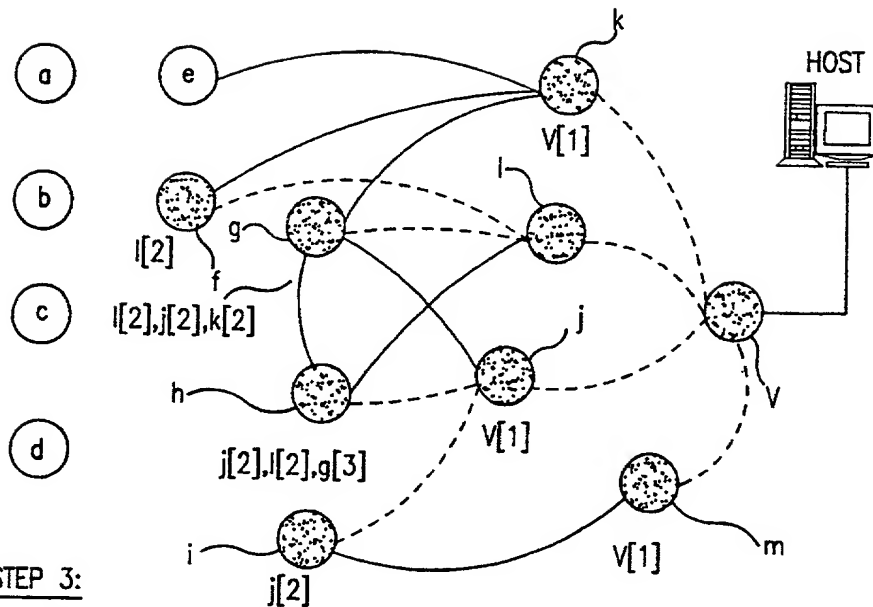
a to m are broadcasting request message after pseudo-random delays. V is broadcasting message identifying itself as a VGATE.

**FIG. 5**

STEP 2:

a to i are still broadcasting request message after pseudo-random delays.  
 j, k, l and m have route to VGATE with metric 0 configured.  
 V is broadcasting message identifying itself as a VGATE.

**FIG. 6**



STEP 3:

a to d are still broadcasting request message after pseudo-random delays.  
 e has a route to the VGATE, but the metric for it is too high.  
 f,g,h,i have multiple routes (based on metric grayed ones are discarded).  
 (primary gateways are sent acknowledgement messages)

V is broadcasting messages identifying itself as a VGATE.

FIG. 7

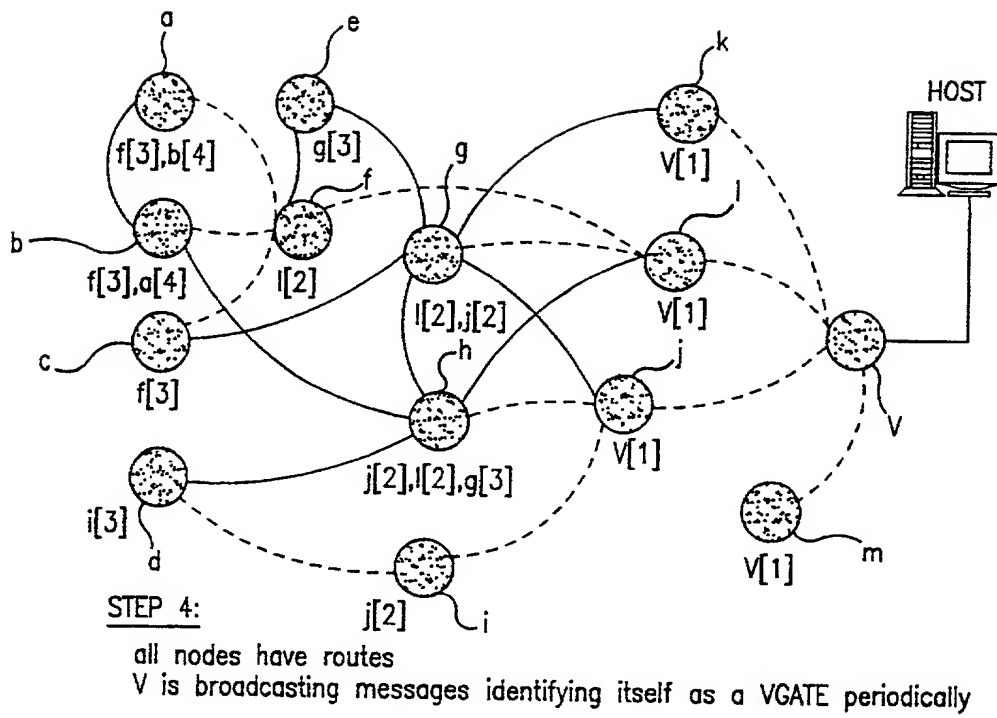


FIG. 8



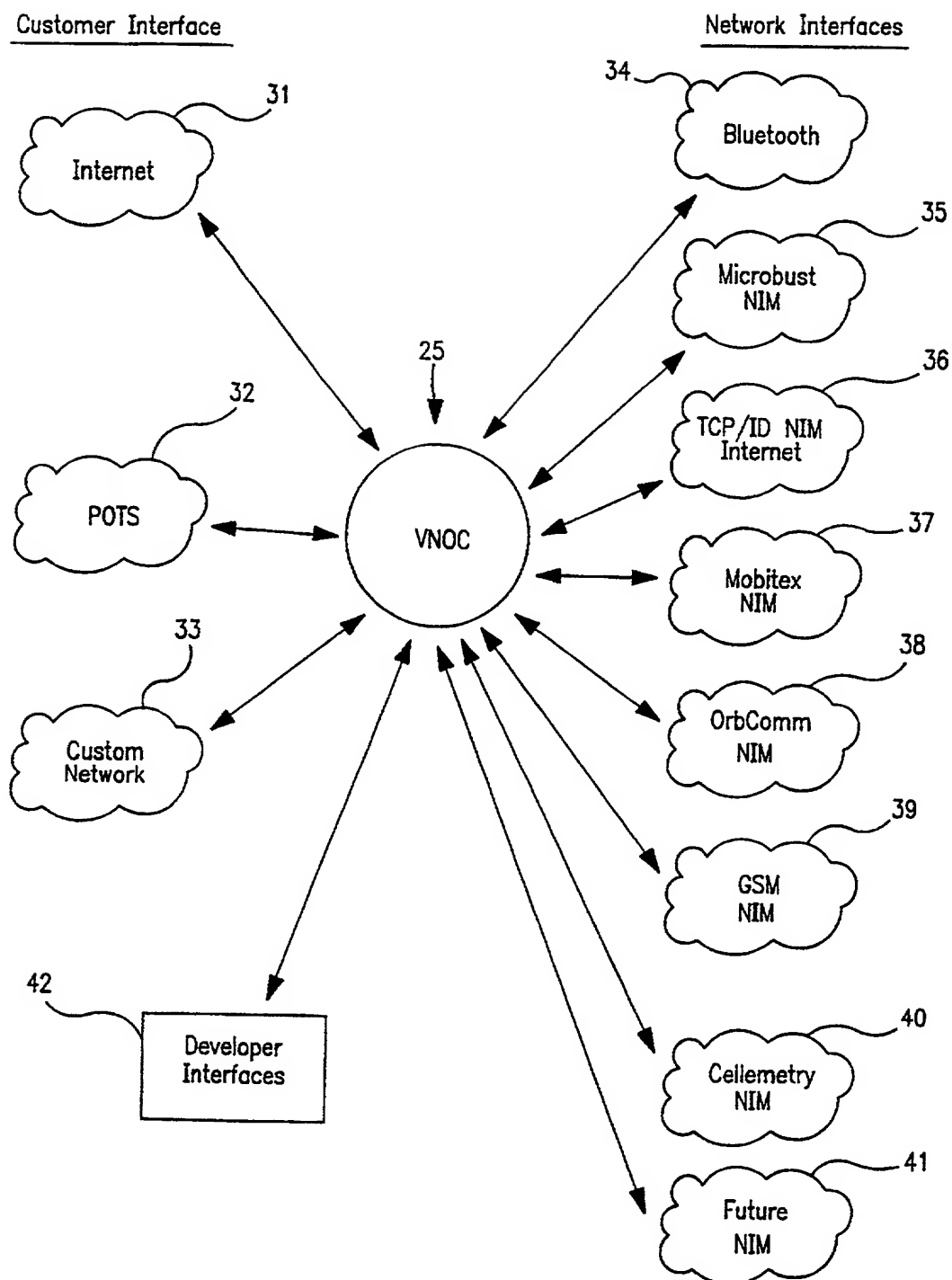


FIG. 9

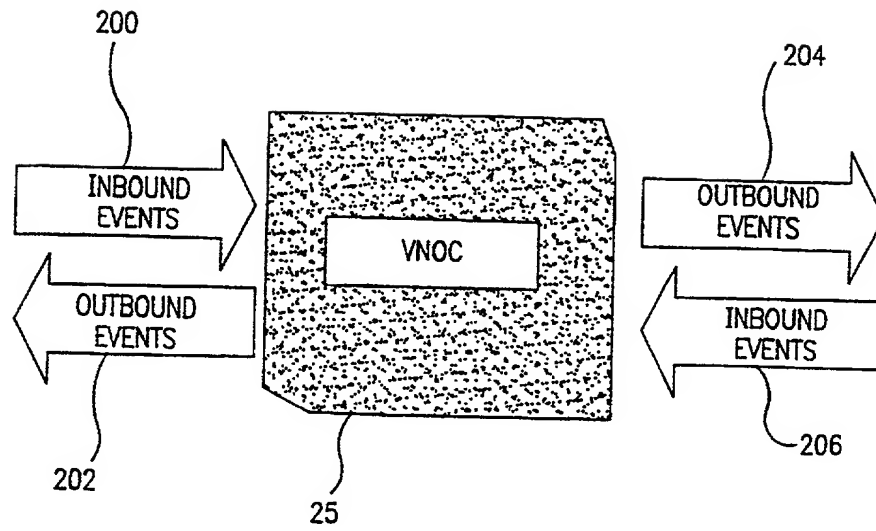


FIG. 10

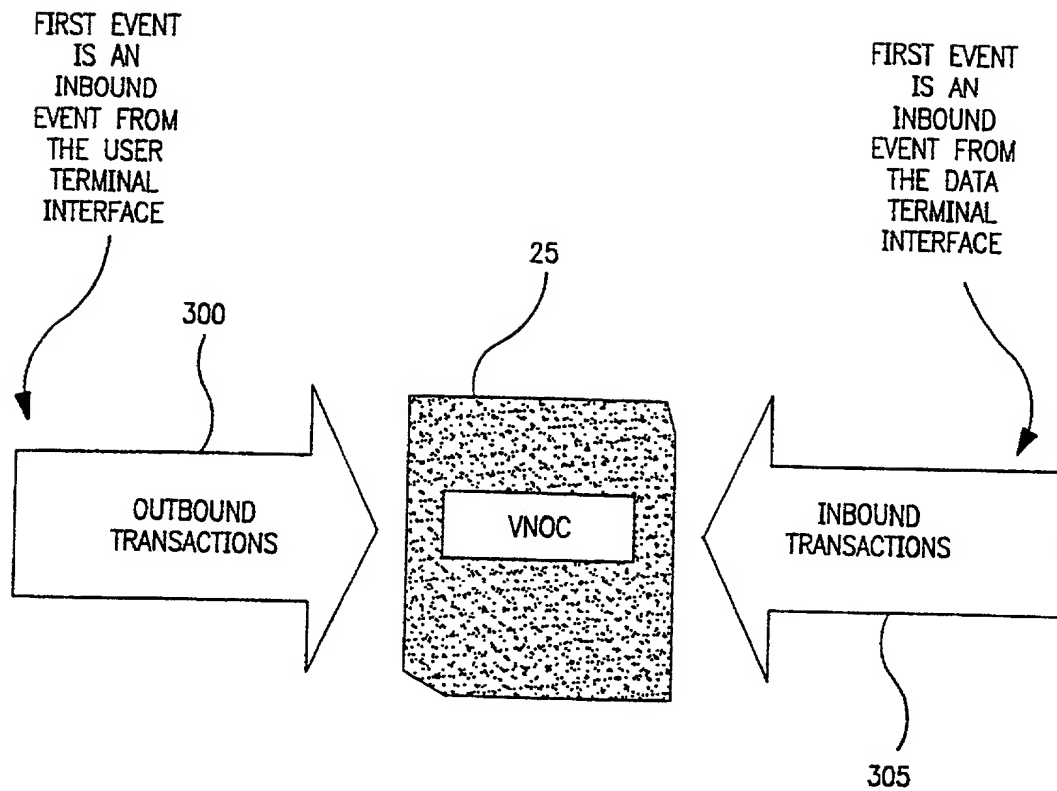


FIG. 11

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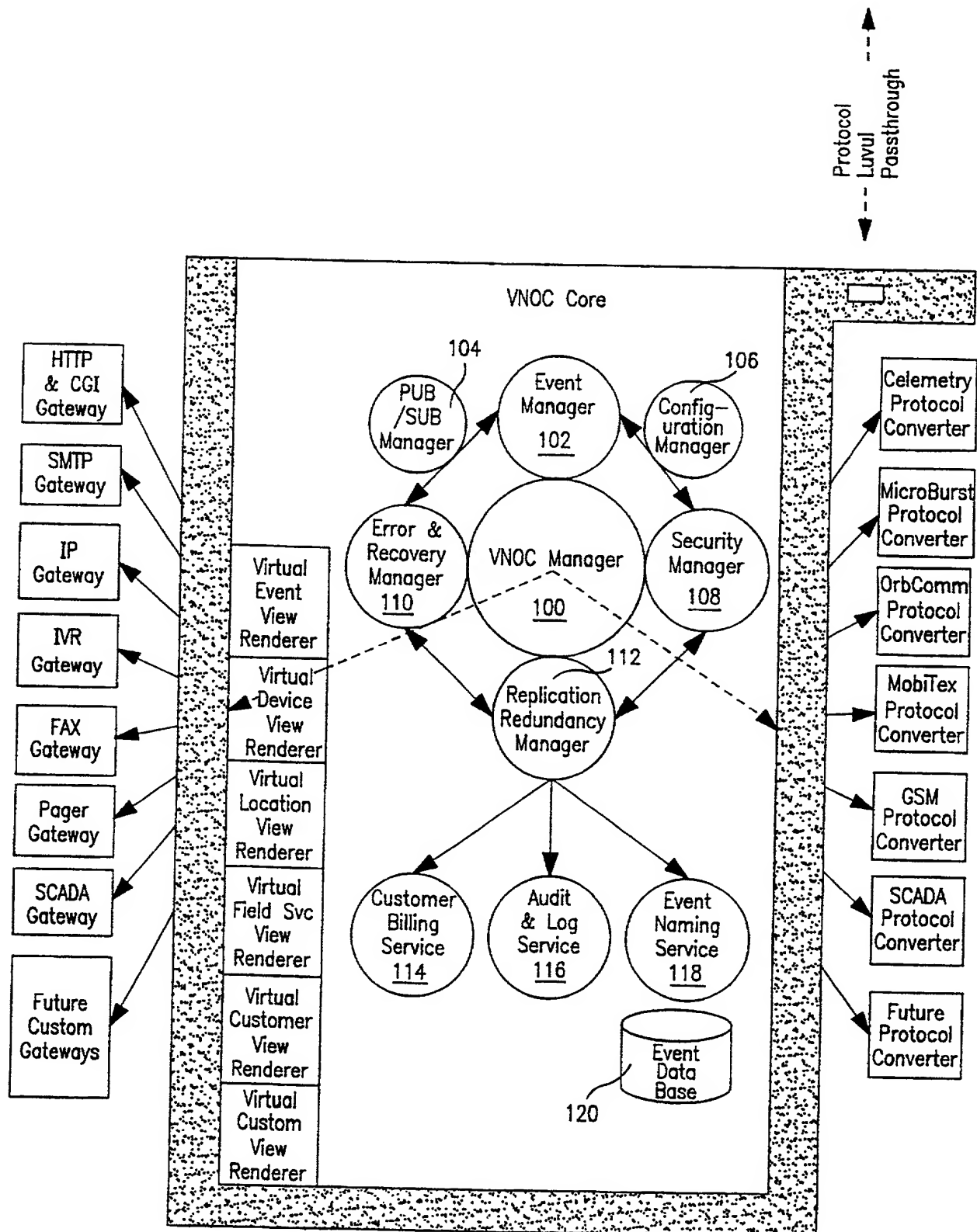


FIG. 12

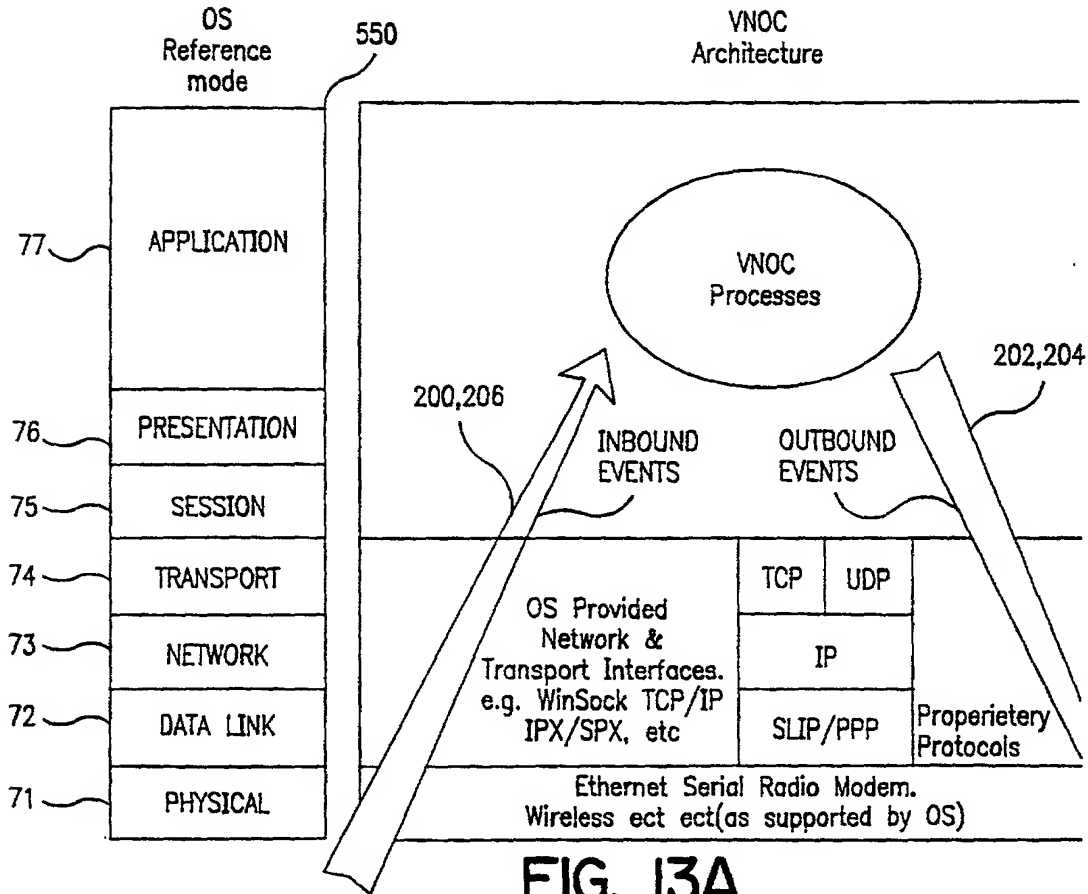


FIG. 13A

Network architecture based on the OSI model

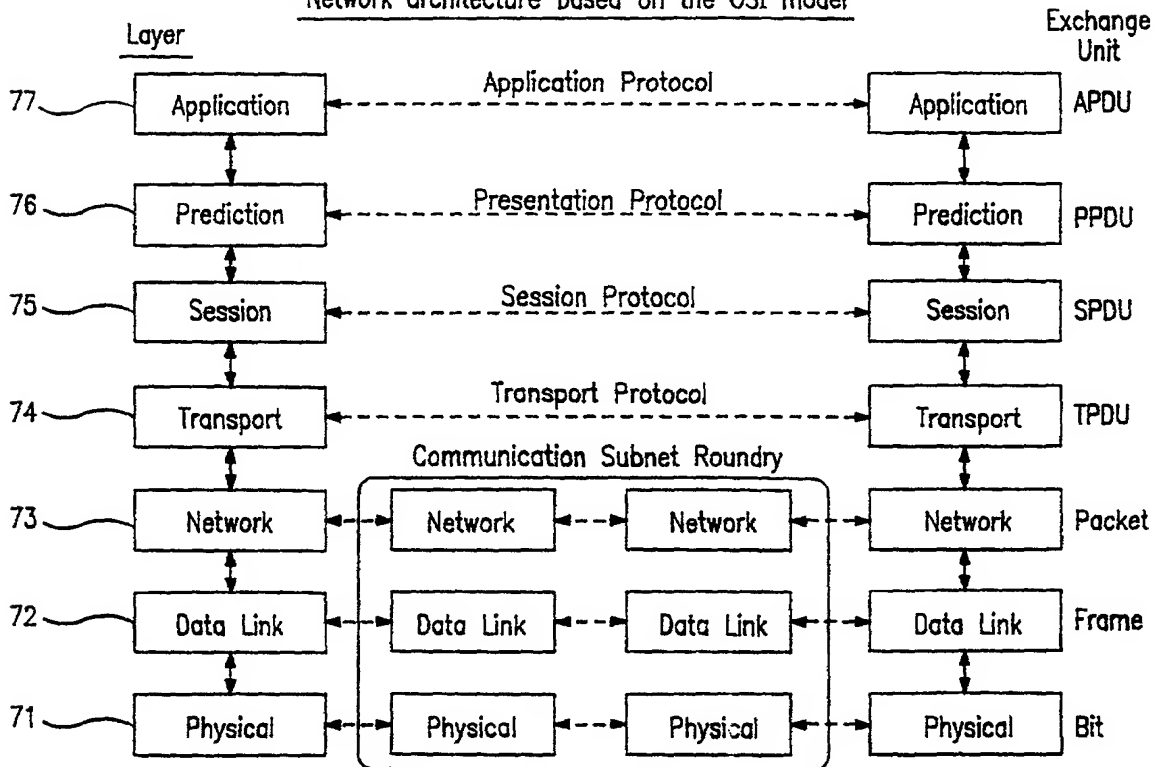


FIG. 13B

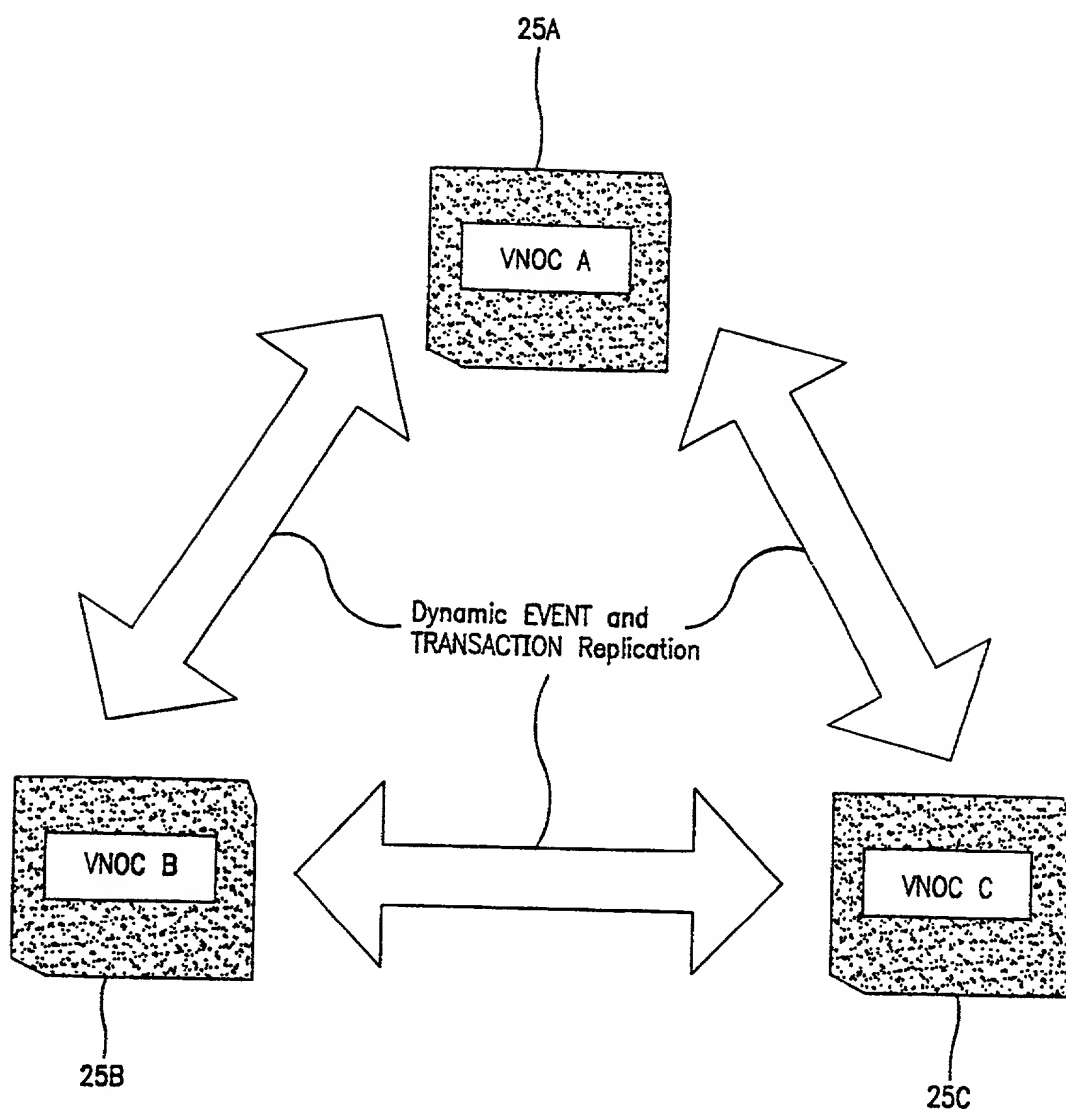


FIG. 14